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(REV 1-98)		4691-128							
	TRANSMITTAL LETTER TO	U S APPLICATION NO (If known, see 37 C F R 1 5)							
	DESIGNATED/ELECTED OFF	09/601486							
CONCERNING A FILING UNDER 35 U.S.C. 371									
INTERNATIO	NAL APPLICATION NO	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED						
PCT/DE9	9/00302	February 5, 1999	February 5, 1998						
TITLE OF INVENTION									
PROCESS FOR GENERATING AN ADDRESS DIRECTORY									
APPLICANT(S) FOR DO/EO/US									
Jörg Arn									
Applicant h	nerewith submits to the United States Des	ignated/Elected Office (DO/EO/US) the following ite	ms and other information						
i. This is a FIRST submission of items concerning a filing under 35 U S.C. 371.									
2.	This is a SECOND or SUBSEQUENT	T submission of items concerning a filing under 35 U.	S.C. 371.						
3.	This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(l).								
4. 🔲	A proper Demand for International Pre	liminary Examination was made by the 19th month fr	om the earliest claimed priority date.						
5. 🖾	A copy of the International Application as filed (35 U.S.C. 371(c)(2))								
		with (required only if not transmitted by the International by the International Bureau.	nal Bureau).						
		the application was filed in the United States Receiving	ng Office (RO/US)						
6. 🖾	A translation of the International Appl	ication into English (35 U.S.C. 371(c)(2)).							
7.		national Application under PCT Article 19 (35 U S.C.							
		ewith (required only if not transmitted by the Internat tted by the International Bureau.	ional Bureau).						
	c. have not been made; however, the time limit for making such amendments has NOT expired. d. have not been made and will not be made.								
8. 🗆	_	claims under PCT Article 19 (35 U.S.C. 371(c)(3)).							
9.	An oath or declaration of the inventor(, , , , , ,							
10.	A translation of the annexes to the Inte	rnational Preliminary Examination Report under PCT	Article 36 (35 U.S.C. 371(c)(5)).						
Items 11. To 16. Below concern other document(s) or information included:									
11. 🛛	An Information Disclosure Statement	inder 37 C.F.R. 1.97 and 1 98.							
12.	An assignment document for recording	g. A separate cover sheet in compliance with 37 CFR	3.28 and 3.31 is included.						
13.	A FIRST preliminary amendment. A SECOND or SUBSEQUENT preliminary amendment.								
14.	4. A substitute specification.								
15. 🗆	A change of power of attorney and/or	address letter.							
16. 🖾	Other items or information:	Copy of International Search Report for PCT/DE9 Copy of 2 prior art references	9/00302						

	US APPLICATION OF ENDANGED	01486	ATTORNEY'S DOCKET NUMBER 4691-128					
Г	17. Mar The following fees are	submitted	CALCULATIONS	PTO USE ONLY				
	Basic National Fee (37 CFR Neither international prelimin search fee (37 CFR 1 445(a)(2 not prepared by the EPO or J	1.492(a)(1)-(5)): lary examination fee (3' 2)) paid to USPTO and	CALCULATIONS	PIOUSEONLY				
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	Independent Claims	1 - 3 =	0	X \$78.00	\$ 0.00			
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I I I I I I I	SEND ALL CORRESPOND Charles B. Elderkin SIGNATURE REGISTRATION NUMBER LLSTON & BIRD LLP 0381 Office Drawer 34009 Charlotte, NC 28234 Cel. Charlotte Office (704) 331-48 Customer Number 0 Customer Number 0	44,357 6000 2014	The -	"Express Mail" Mailing Label Number EL432824322US Date of Deposit: August 2, 2000 1 hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to BOX PCT, Atm DO/US (PD9) ASSISSAE Commissioner for Pagents, Washington, DC 20231. Joyce Ly Jmith J.				

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09 / 601486 532 Rec'd PCT/FTC 02 AUG 2000

IN THE UNITED STATES DESIGNATED OFFICE (DO/US)

In re: Arnold Attn: DO/US

International Appl. No.: PCT/DE99/00302
International Filing Date: February 5, 1999

For: PROCESS FOR GENERATING AN ADDRESS DIRECTORY

August 2, 2000

Box PCT Assistant Commissioner of Patents Washington, DC 20231

PRELIMINARY AMENDMENT

Sir:

Prior to the calculation of the filing fee, kindly amend the above-identified application as follows:

In The Claims:

Cancel Claims 1-16, without prejudice.

Add the following new Claims 17-27:

- 17. Method of creating an address directory from address data of subscribers in a decentralized radio network, wherein the address data comprise a subscriber identification and a position identification allocated to the subscriber, which are made available to the other subscribers, wherein simultaneously with the payment of charges for the use of the decentralized radio network, the position identification of the subscriber is transmitted from the subscriber to a financial institution serving as a data acquisition station for creating the address directory, wherein the transmission occurs via an information carrier comprising a memory, while the information carrier is arranged in a transmission means, and wherein within the scope of the payment procedure, the financial institution debits an account of the subscriber accordingly.
- 18. Method of claim 17, wherein the transmission of the position identification occurs automatically.

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Inter'l Appl. No.: PCT/DE99/00302
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- 19. Method of claim 17, wherein the data acquisition station creates the address directory.
- 20. Method of claim 17, wherein the data acquisition station retransmits the address data to a third party for creating the address directory.
- Method of claim 17, wherein the information carrier is in the form of a chip card, magnetic strip card, or PIN card.
- 22. Method of claim 17, wherein the transmission means is an automatic teller machine.
- 23. Method of claim 17, wherein the transmission means comprises a write/read unit for the memory.
- 24. Method of claim 17, wherein the transmission of the position identification occurs via a radio link with the data acquisition station.
- 25. Method of claim 17, wherein the transmission of the position identification occurs by optics, preferably via an infrared link with the data acquisition station.
- 26. Method of claim 17, wherein the transmission of the position identification occurs via an ultrasound link with the data acquisition station.
- 27. Method of claim 17, wherein the position identification transmitted by the paying subscriber comprises both the position identification of the paying subscriber and the position identification of one or more other subscribers.

REMARKS

The above amendments are made to more clearly define the invention under United States practice. Please enter this

In re: Arnold
Inter'l Appl. No.: PCT/DE99/00302
Page 3 of 3

amendment prior to calculation of the filing fee.

Respectfully submitted,

Charles B. Elderkin Registration No. 24,357

ALSTON & BIRD LLP

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CERTIFICATE OF EXPRESS MAILING

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PROCESS FOR GENERATING AN ADDRESS DIRECTORY

The invention relates to a method of creating an address directory from address data of subscribers in a telecommunications network, wherein the address data comprise a subscriber identification and a position identification allocated to the subscriber.

An address directory of the kind under discussion is known, for example, in the form of a conventional telephone directory. In this instance, the subscriber identification is formed by the name of the person having a telephone connection, and the position identification allocated to the subscriber by the telephone number. The position allocation with respect to the telephone number results, roughly from assigning the subscribers to predetermined area code zones, and in greater detail from the initial digits of the telephone number, which reflect an association to certain stationary exchanges. Thus, an assignment of the subscribers to a certain location and, with that, a position identification exist through the telephone number of the subscriber.

In the following, the invention is described by the example of creating an address directory for a mobile radio network. In particular, the network is Applicant's mobile radio network disclosed in German Application 195 35 021.9. This mobile radio network consists of individual mobile radio sets, which serve both as a terminal and as a relay.

Contrary to Applicant's mobile radio network described in its German Application 195 35 021.9, mobile radio networks are currently in use, which comprise stationary radio equipment in the form of relay stations. These are, for example, mobile radio networks known as

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C1, D1, D2, and E-plus networks. In this instance, the radio link is established by means of an external switching method within the scope of an external radio network management. In these mobile radio networks, the localization of the network subscribers and the establishment of the link between the network subscribers occur by means of the central switching equipment.

When a radio link is established, the relay stations play the fundamental part, since they are in a constant reciprocal contact with the network subscribers via a division of the radio network area into individual network cells. Thus, the respective relay station always knows the location of the network subscriber by its response to the relay station and furthermore to the network control center.

When a radio link is established between two network subscribers, the network subscribers are initially localized by means of the central switching method. Subsequently, the radio link is computed or determined between the network subscribers and then offered. The preliminary computation or determination of the communication path via possible relay links is named "routing."

The known methods operate between the mobile radio sets and the stationary relay stations of the respective network cells of the known radio networks. In the known radio networks, it thus matters that externally and centrally controlled methods be applied, which are used by an external operator station -- for example, a central operating computer -- outside of the individual mobile radio sets or radio terminals.

The known method of establishing a radio link within the known radio networks is problematic, in that it always requires stationary transmission relays or

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relay stations for establishing a radio link. From that, it follows that it is always necessary to build up first a surface-covering network of stationary relay stations, when a radio network of the known kind is established or newly set up. This considerably reduces the flexibility of a network system with respect to a new implementation.

In the mobile or relay radio network disclosed in German Application 195 35 021.9, the individual network subscribers are allocated an individual, location-dependent position identification for establishing a radio link even without stationary relay stations, so that the position of all network subscribers relative to one another is defined.

The determined position identification of the network subscribers relative to one another enables a stepwise establishment of a radio link from network subscriber to network subscriber. The provision of separate stationary relay stations is no longer needed. To establish a radio network, a source subscriber need to know only its own position identification and the position identification of the destination subscriber. The radio link is then established via further network subscribers between the source subscriber and the destination subscriber, which due to their knowledge of their own position identification, are able to retransmit a radio signal that is transmitted from the source subscriber, in the direction toward the destination subscriber. The allocation of a position identification makes it possible to connect the network subscribers in the relay radio network, addressed as a function of location and direction and directed to the destination.

In the method of establishing a radio link, localization of the network subscriber and determination of the radio path between the network subscribers are not

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exactly performed by means of stationary relay stations and determined radio network cells. When establishing the radio link, the direction of the radio path to the desired destination subscriber is tendentiously predetermined in terms of direction via the stepwise determination of the successive relay radio paths via further network subscribers. While the radio link is established or offered, the radio link is not yet definitely determined up to the determination of the last stage of the radio path. From that, it may follow that possibly a plurality relay radio paths are simultaneously selected, and that a multiway propagation occurs, or a plurality of parallel radio links are established.

As regards a particularly simple allocation of position identifications, it would be possible to determine the position relative to radio-signal-emitting radio signalers with a predeterminable location. To this end, it would be possible to provide at least three radio signalers. The radio signalers could then emit the radio signals at certain times or after certain time intervals. The receipt of the radio signals from the predeterminable locations makes it possible to determine in a simple manner the position of the receiving network subscriber relative to the radio signalers. This enables a clear position determination and a clear allocation of a position identification.

In the presence of, for example, three radio signalers, the radio signal of the first radio signaler could arrive, taking into account relay delays, at the particular network subscriber after 1 second, the radio signal of the second radio signaler after 3 seconds, and the radio signal of the third radio signaler after 5 seconds. From that, it would be possible to generate a position identification of 1-3-5.

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A further possibility of generating a position identification could be derived from increasing a counted value dependent on the number of transmissions, or from increasing a counting argument within the radio signal. In other words, during each transmission of the respective radio signal, a numerical value is increased, for example, by 1. In the presence of, for example, three radio signalers, a position identification could consist of the respective number of transmissions of the particular radio signal, as follows. For example, once the first radio signal is through with three transmissions, the second radio signal with ten transmissions, and the third radio signal with twenty transmissions, a position identification of 3-10-20 would be possible. With that, it would be possible that during the retransmission in the radio network, the radio signals of the radio signalers undergo a locationdependent and/or direction-dependent change of counting arguments, which contain the radio signals, by a continued counting by the respective transmitters. other words, a location-dependent and direction dependent differentiation of the position sequences is realized. During the transmission, each transmitter chronologically counts or continues to count a number of steps, and it changes or adds same as an information component in the transmitter signal. These position identifications develop as a function of location and as a function of direction over the network area because of the continued counting of the number of steps.

A third possibility of the position identification could be realized, if the radio signaler consisted of satellites of the ground positioning system (GPS). In this instance, the network subscribers receive as signals their absolute geographic position. Same

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consists of the parameters geographic latitude and geographic longitude. The position identification could then comprise only the geographic position data received via the GPS.

When the radio link is established or generated, it will be possible that the network subscribers address the desired destination subscribers with these position identifications.

For the generation of the radio link, it is essential that the observed network subscriber know both its own position identification and the position identifications of the source subscriber -- if need be, of the network subscribers themselves -- and of the destination subscriber.

The identification of the destination subscriber is known to the user or the source subscriber from a kind of telephone directory — the address directory — which contains all position identifications of the destination subscribers. Such a telephone directory may be present at the source subscriber in the form of an electronic storage. The actualization of the telephone directory occurs after each allocation procedure of the position identification. This allocation procedure may occur daily, hourly, or in even shorter time intervals.

It is possible to renew or change again the position identification of a destination subscriber after a renewed action by the radio signaler, and to transmit it in a previously offered radio link to the transmitters and the source subscriber.

It is necessary to actualize as often as possible the address directory with all subscribers as is required for the mobile radio network of German Application 195 35 021.9, since not all subscribers

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remain stationary. A method of allocating such position identifications is described in German Application 197 26 956.7.

It is therefore the object of the present invention to describe a method of creating an address directory of the initially described kind, which realizes a simple creation of the address directory.

In accordance with the invention, the foregoing object is accomplished by a method having the steps of claim 1. Accordingly, the method under discussion is configured such that during a payment of charges for the use of the telecommunications network, the address data of the subscriber are transmitted at least in part to a data acquisition station.

According to the present invention, it has been recognized that the creation of an address directory benefits in particular from transmitting corresponding address data of the subscriber to a data acquisition station and/or data acquisition equipment within the scope of a payment procedure of the charges for the use of the telecommunications network. Thus, the data transmission is coupled with a payment procedure of the charges. Such payments of charges are always required after certain time intervals before and/or after a use, so that an actualization of the address directory can occur in an elegant and simple manner, quasi at the same time as the payment of charges. Thus, a separate actualization procedure with respect to the address data is not needed, after the subscriber changes its location.

Consequently, a method of creating an address directory is described, which realizes a simple creation of the address directory.

Concretely, the transmission of address data during a payment of charges could signify the

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transmission of address data before and/or during and/or after the transmission of data relating to the payment of charges. In other words, there could exist a parallel or sequential transmission of address data and data relating to the payment of charges. For example, data, which relate to the payment of charges, could be data relating to the amount of the charges being paid.

In a particularly user-friendly manner, the data could be automatically transmitted. In this instance, the user would not have to see to the transmission of data. Alternatively, it would be possible to transmit address data only upon a special request of the subscriber, for example, after a change in location of the subscriber.

In a particularly time-saving manner, the address directory could be created by the data acquisition station itself. In this connection, it is also possible that the data acquisition station receives from the subscriber not only current address data, but also supplies the subscriber at the same time with current address data of other subscribers, preferably in the form of a complete address directory of all subscribers.

Furthermore, it would be possible that for creating the address directory, the data acquisition station retransmits the address data to a third party. The makers of the address directory — the data acquisition station or a third party — could make available address information only against payment of charges. Likewise, such a payment of charges for an address information means a payment of charges for the use of the telecommunications network, since obtaining such information represents a use of the telecommunications network. To this extent, at least a

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partial transmission of address data from the subscriber to a data acquisition station could also occur during a payment of charges for obtaining an information.

In a particularly practical manner, it would be possible that the data acquisition station performs the billing of charges for the use of the telecommunications network. In other words, the data acquisition station is at the same time also the place of payment for any charges whatsoever.

Furthermore, the data acquisition station could also be a financial institution, which debits the account of the subscriber within the scope of the payment procedure. In this instance, the address directory could be created by the financial institution.

As regards a simple transmission of address data, the transmission could be performed by an information carrier that comprises a memory. In a particularly simple manner, such an information carrier could be in the form of a chip card, a magnetic strip card, or a PIN card. Concretely, the information carrier could be a credit card, a cash card, an automatic teller machine card, or a telephone card. Furthermore, the information carrier could concretely be formed also by an SIM card or a similar card, which is decisive for releasing the use by a subscriber in the telecommunications network. It would be possible to put the address data of the subscriber in a memory, so as to make an access as easy as possible during the payment of charges. Billing of charges could be performed by a method and an apparatus as disclosed in DE 197 19 002 Al. Accordingly, the charges could be billed via an information carrier in the form of a chip card or magnetic strip card. The data necessary for billing the charges are transmitted from the information carrier to

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the data acquisition station or to the financial institution.

In a particularly reliable manner, the transmission could occur while arranging the information carrier in a transmission means. An automatic teller machine offers itself as a transmission means. Such an automatic teller machine could be designed and constructed not only for paying charges, but also for withdrawing cash. For purposes of writing and reading out the memory, the transmission means could comprise a write/read unit for the memory. On the one hand, this will enable a transmission of address data of the subscriber, and on the other hand an actualization of the an address directory at the subscriber.

At any rate, for transmitting data, a suitable connection is to be ensured between the transmission means and the data acquisition station.

As an alternative or in addition to a possibility of transmitting address data in a transmission means, the transmission could occur via a radio link with the data acquisition station. It would be possible to realize the radio link via a mobile radio set of the subscriber.

As an alternative or in addition thereto, the transmission could occur by optics, preferably via an infrared link with the data acquisition station. To this end, a mobile radio set of the subscriber could comprise an infrared interface.

As a further alternative or yet in addition thereto, the transmission could occur via an ultrasound link with the data acquisition station. In this instance, a mobile radio set of the subscriber could comprise an ultrasound interface.

In the case of the mobile radio network disclosed in German Application 195 35 021.9, it is possible to renew or change again the position identification of a destination subscriber after a renewed action of the radio signaler, and to transmit it in a previously offered radio link to the transmitters and the source subscriber. In other words, it is possible that a subscriber has not only its own address data, but also address data of other subscribers. Consequently, it would be especially advantageous as regards an address directory that is as current and complete as possible, if the address data transmitted by the paying subscriber comprised both address data of the paying subscriber and address data of one or more other subscribers. In this instance, a reciprocal adjustment as a whole could occur between the address data stored at the subscriber and the address data stored at the data acquisition station. The adjustment could comprise all

Each subscriber will be interested in making a payment of charges as often as possible, since only this could enable an actualization of its address in the general address directory, if need be. Only thus would it be possible to ensure in a reliable manner the accessibility of the individual subscriber after a change in location.

address data in the storage of the subscriber and all address data at the data acquisition station.

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CLAIMS

 Method of creating an address directory
 from address data of subscribers in a telecommunications network, wherein the address data comprise a subscriber identification and a position identification allocated to the subscriber,

characterized in that during a payment procedure of 10 charges for the use of the telecommunication network, address data of the subscriber are transmitted at least in part to a data acquisition station.

- Method of claim 1, characterized in that the transmission of data occurs before and/or during and/or after the transmission of data relating to the payment of charges.
- 3. Method of claim 1 or 2, characterized in that the transmission occurs automatically.
 - $\mbox{4.} \quad \mbox{Method of one of claims $1-3$, characterized} \mbox{in that the data acquisition station creates the address directory.}$

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5. Method of one of claims 1-4, characterized in that the data acquisition station retransmits the address data to a third party for creating the address directory.

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6. Method of one of claims 1-5, characterized in that the data acquisition station performs the billing of the charges for the use of the telecommunications network. 7. Method of one of claims 1-6, characterized in that the data acquisition station is a financial institution.

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- 8. Method of one of claims 1-7, characterized in that the transmission occurs via an information carrier comprising a memory.
- 9. Method of claim 8, characterized in that the information carrier is in the form of a chip card, magnetic strip card, or PIN card.
- 10. Method of claim 8 or 9, characterized in
 that the transmission occurs while arranging the
 information carrier in a transmission means.
 - 11. Method of claim 10, characterized in that the transmission means is an automatic teller machine.

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12. Method of claim 10 or 11, characterized in that the transmission means comprises a write/read unit for the memory.

- \$13\$. Method of one of claims 1-12, characterized in that the transmission occurs via a radio link with the data acquisition station.
 - 14. Method of one of claims 1-13,
- 30 characterized in that the transmission occurs by optics, preferably via an infrared link with the data acquisition station.

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16. Method of one of claims 1-15, characterized in that the address data transmitted by the paying subscriber comprise both address data of the paying subscriber and address data of one or more other subscribers.

ABSTRACT

A method of creating an address directory from address data of subscribers in a telecommunications network, wherein the address data comprise a subscriber identification and a position identification allocated to the subscriber, is characterized with respect to a simple creation of the address directory, in that during a payment procedure of charges for the use of the telecommunications network, address data of the 10 subscriber are transmitted at least in part to a data acquisition station.

#4436920v1

Declaration and Power of Attorney for Patent Application

Erklärung für Patentanmeldungen mit Vollmacht

German Language Declaration

Als nachstehend benannter Erfinder erkläre ich hiermit an Eides Statt:
daß mein Wohnsitz, meine Postanschrit und meine Staatsangehörigkeit den im nach stehenden nach meinem Namen aufgeführten Angaben entsprechen, daß ich nach bestem Wissen der ursprüngliche, erste und alleinige Erfinder (falls nachstehend nur ein Name angegeben ist) oder ein ursprünglicher, erste und und Miterfinder (falls nachstehend mehrere Namen aufgeführt sind) des Gegenstandes bin, der hiermit beansprucht wird und für den ein Patent für die Erfindung mit folgender Bezeichnung begehrt wird:

deren Beschreibung hier beigefügt ist, es sei denn (in diesem Falle Zutreffendes bitte ankreuzen), diese Erfindung

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Ich bestätige hiermit, daß ich den Inhalt der oben angegebenen Beschreibung, einschließlich der Ansprüche, die eventuell durch eine oben erwähnte Änderung abgeändert wurde, durchgesehen und verstanden habe.

Ich erkenne meine Pflicht zur Offenbarung jeglicher Informationen an, die zur Prüfung der Patentfähigkeit in Einklang mit Titel 37, Code of Federal Regulations, § 1.58 von Belang sind.

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

PROCESS FOR GENERATING AND ADDRESS DIRECTORY

the specification of which is attached hereto unless the following box is checked:

was filed on February 5, 1999 as United States Application Number or PCT International Application Number

PCT/DE 99/00302 and was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended

(if applicable).

by any amendment referred to above.

I acknowledge the duty to disclose informtaion which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

beanspruche hiermit ausländische Prioritätsvorteil gemäß Title 35, US-Code, § 119(a)-(d), bzw. § 365(b) aller unten Auslandsanmeldungen aufgeführten Patente oder Erfinderurkunden, oder § 365(a) aller PCT internationalen Anmeldungen. welche wenigstens ein Land außer den Vereinigten Staaten von Amerika benennen, und habe nachstehend durch Ankreuzen sämtliche Auslandsanmeldungen für Patente bzw. Erfinderurkunden oder PCT internationale Anmeldungen angegeben, deren Anmeldetag dem der Anmeldung, für welche Priorität beansprucht wird, vorangeht.

Prior Foreign Applications (Frühere ausländische Anmeldungen)

I hereby claim foreign priority under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign applications(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Priority Not Claimed Priorität nicht beansprucht

198 04 336.8 Number (Nummer) Germany (Country) (Land) February 5, 1998 (Day/Month/ Year Filed) (Tag/Monat/Jahr der Anmeldung)

Number (Nummer) (Country) (Land) (Day/Month/ Year Filed) (Tag/Monat/Jahr der Anmeldung)

Ich beanspruche hiermit Prioritätsvorteile unter Title 35, US-Code, § 119(e) aller US-Hilfsanmeldungen wie unten aufgezählt.

(Application No.) Aktenzeichen (Filing Date) Anmeldetag

(Application No.)

(Filing Date) Anmeldetag

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I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

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POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) to prosecute this application and transact all business in the Patent and Trademark office connected therewith: (list name and registration number)

with

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Full name of sole or first inventor Vor- und Zuname des einzigen oder ersten Erfinders JÖRG ARNOLD 27.06.2000 Unterschrift des Erfinders Datum Inventor's signature Date Residence Wohnsitz D-69117 Heidelberg Staatsangehörigkeit Citizenship German Postanschrift Post Office Address Friedrich-Ebert-Anlage 46. D-69117 Heidelberg, Germany Vor- und Zuname des Miterfinders Full name of joint inventor, if any (falls zutreffend) Unterschrif des Erfinders Datum Inventor's signature Date Wohnsitz Residence Staatsangehörigkeit Citizenship Postanschrift

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